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Part Number: [5018643091](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch Easy-On FFC-to-Board Connector, Receptacle Housing Assembly, Right Angle, Surface Mount, with Grounding Terminals, Gold (Au) Plating, 30 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501864-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501864-004-001 \(PDF\)](#)

Agency Certification

UL E29179

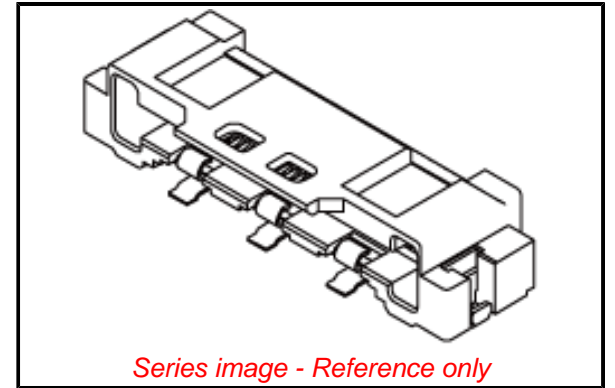
General

Product Family FFC/FPC Connectors
 Series [501864](#)
 Comments Requires a custom FFC with notches
 Data Load Status Collected FY08-Verified FY08
 Doc Info - Component E-501864-006_C, E-501864-007_A, RPS-501864-001_A, RSD-501864-002_0, SD-501864-008_0, SD-501864-009_0
 Made From 5014128028, 5018630048, 5018643009, 5021960128
 Overview [FFC-FPC \(SMT\)](#)
 Product Name Easy-On
 Type N/A
 UPC 822350663427

Physical

Circuits (Loaded) 30
 Circuits (maximum) 30
 Color - Resin Black
 Contact Position Bottom
 Durability (mating cycles max) 20
 Entry Angle 90° Angle
 Flammability 94V-0
 Mated Height 4.85mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin Liquid Crystal Polymer
 Net Weight 618.770/mg
 Number of Rows 1
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 0.50mm
 Plating min - Mating 0.100µm
 Plating min - Termination 0.051µm
 Polarized to PCB Yes
 Stackable No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount
 Wire/Cable Type FFC only

Electrical



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501864 Series](#)

Use With

Plug Jacket [501783-3009](#) . Plug Jacket Cover [501784-3008](#)
LVDS Cable [15022](#)

Current - Maximum per Contact
Voltage - Maximum

0.5A
50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

SPK-501864-001-001
PS-501864-004-001
5018640002-000, 5018641002-000

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